

Title (en)
METHOD FOR THE ENANTIOSELECTIVE PREPARATION OF SULPHOXIDE DERIVATIVES

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ENANTIOSELEKTIVEN SULFOXID-DERIVATEN

Title (fr)
PROCEDE DE PREPARATION ENANTIOSELECTIVE DE DERIVES DE SULFOXYDES.

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Abstract (en)
[origin: WO2004087702A2] The invention relates to a method for the enantioselective preparation of substituted sulphoxide derivatives. The method comprises carrying out an enantioselective oxidation of a sulphide of general formula (I): A - CH₂ - S - B (I), where A = a variously-substituted pyridyl nucleus and B = a heterocyclic group with a benzimidazole or imidazopyridyl nucleus, by means of an oxidising agent in the presence of a catalyst based on tungsten or vanadium and a chiral ligand, followed, where necessary, by salt formation with a base to give the sulphoxide: A - CH₂ - SO - B (Ia). The above is of application to the enantioselective preparation of compounds such as the enantiomers of tenatoprazole and other comparable sulphoxides.

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